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Search result: 1 of 1

(WO/1994/011027) PERIPHERALIZATION OF HEMATOPOIETIC STEM CELLS

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Abstract: The invention provides methods for peripheralizing CD34⁺ cells, including hematopoietic stem cells. In a first aspect, the method comprises the step of administering a blocking agent of VLA-4 antigen on the surface of CD34⁺ cells. In a second aspect, the method comprises administering a blocking agent of VLA-4 antigen on the surface of CD34⁺ cells and administering a stimulating agent of CD34⁺ cell proliferation *in vivo*. The method according to the invention is useful in the treatment of cancer or AIDS, and in gene therapy.

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